



**DEI HUB**

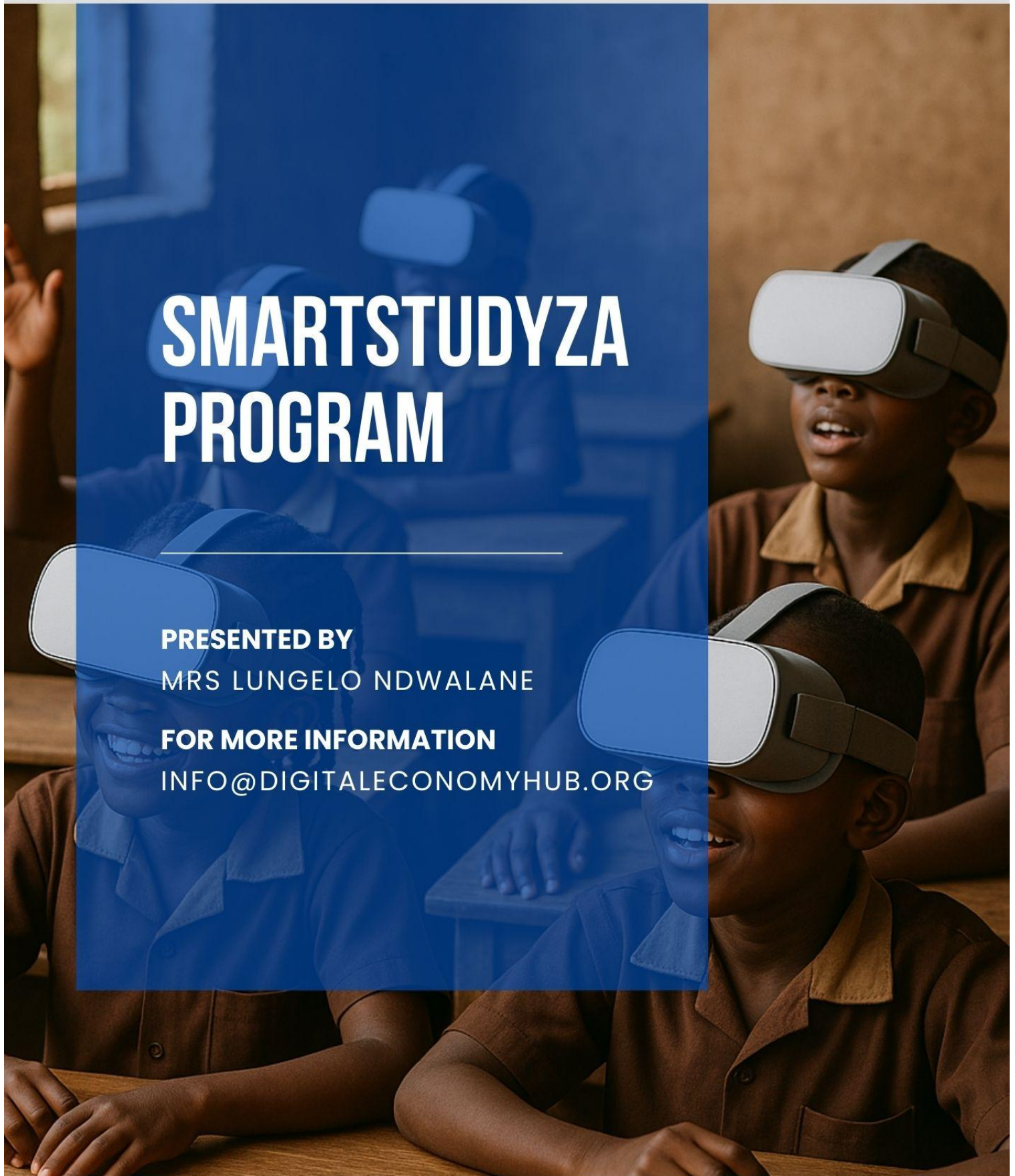
digital economy empowerment hub

25/26

# SMARTSTUDYZA PROGRAM

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# SmartStudyZA Program

*“Enhancing Education Through Technology”*

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## 1. Program Overview

The **SmartStudyZA Program** is an innovative EdTech initiative by the **Digital Economy Innovation Hub (DEI HUB)**, created to elevate academic performance and digital readiness in South African high schools. Focusing on STEM subjects (Science, Technology, Engineering, and Mathematics), the program brings together interactive smart displays, AI-powered tutoring, and virtual learning environments to bridge the educational divide in rural, township, and peri-urban communities.

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## 2. Target Audience

- Learners in **Grades 8 to 12**
  - Schools in **rural, semi-rural, peri-rural**, and **township** communities
  - Youth centers and community-based learning hubs
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## 3. Program Objectives

- Expand access to **high-quality STEM education** in under-resourced areas
  - Equip learners with **digital skills** and **critical thinking capabilities**
  - Support teachers with modern teaching aids and AI-assisted tools
  - Foster a culture of **innovation, curiosity, and future-readiness**
  - Create inclusive learning environments that encourage **peer learning**
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## 4. Key Activities

Participating schools and youth centers will benefit from a range of activities that blend in-person and virtual learning:

- **SmartStudy Display Installation:** Large smart screens with engaging, syllabus-aligned digital content for classrooms and study halls
- **SINE-AI Tutoring Access:** Personalized explanations, study tips, and revision help from the SINE-AI assistant — accessible 24/7
- **SPACES Virtual Study Rooms:** Facilitated virtual group studies, tutorials, and live peer-to-peer sessions

- **STEM Competitions & Hackathons:** Exciting school-based and regional challenges to promote hands-on STEM learning
  - **Masterclasses & Career Expos:** Regular virtual and physical events to connect learners with industry professionals and universities
  - **Teacher Onboarding & Support:** Training for educators on how to integrate SmartStudy tools into their daily curriculum
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## 5. Tools Provided

- **SmartStudyZA Screens** – Interactive educational displays customized for school environments
  - **SINE-AI** – AI tutor available via mobile, web, or school kiosks
  - **SPACES** – A virtual environment for study sessions, mentorship, and community engagement
  - **Virtual Office** – Provides digital filing, notes, academic resources, and scheduling tools for learners and teachers
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## 6. Program Benefits

- **Academic Improvement:** Personalized tutoring and smart content improve comprehension and exam readiness, especially in Maths and Science
  - **Future Skills Development:** Prepares learners for the digital economy with critical tech exposure
  - **Motivated Learners:** STEM competitions and career expos spark ambition and focus
  - **Empowered Teachers:** Access to content-rich tools, interactive learning materials, and peer collaboration
  - **Community Engagement:** Involves parents, mentors, and youth organizations in learner development
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## 7. Implementation Partners

- School Governing Bodies & Departments of Education
  - Local & international EdTech Suppliers
  - Corporate Sponsors (CSI, ESG, and Innovation Programs)
  - Community & Youth Development Organizations
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## 8. Requirements for Participation

- School commitment and agreement to host a SmartStudyZA Display
  - Availability of internet access or willingness to use offline alternatives
  - Participation in teacher onboarding and learner induction
  - Designation of a school liaison for program coordination
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## 9. Outcomes & Impact

- Improved academic outcomes in Maths, Science, and Technology subjects
  - Greater digital literacy and readiness for the Fourth Industrial Revolution
  - Access to opportunities in higher education, careers, and innovation
  - Strengthened school infrastructure and community collaboration
  - Empowered youth prepared for a competitive, tech-driven world
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## 10. Sustainability Strategy

- **Funded Installations:** Displays and digital access funded through private and public partnerships
  - **Community-Led Support:** Schools to establish **peer-led tutoring circles** and **student clubs**
  - **Continuous Feedback:** Regular monitoring, learner feedback, and system updates
  - **Scalable Model:** Ability to grow across provinces, adapting to each region's needs
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## 11. Why Join SmartStudyZA?

SmartStudyZA empowers both learners and educators to reach new academic heights while preparing them for a connected, digital future. From rural classrooms to township study centers, this program brings the tools, mentorship, and innovation needed to transform South Africa's education landscape.

**Apply now to bring SmartStudyZA to your school, youth center, or community.**

For more information, email our dedicated program facilitator **Mrs Lungelo Ndwalane** on [info@digitaleconomyhub.org](mailto:info@digitaleconomyhub.org)